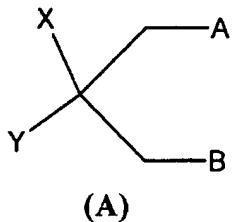


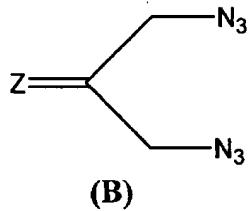
Claims

[c1] What is claimed is:

1. Low molecular weight polyazido compounds of the general formulae:



1. $X = N_3; Y = CH_2N_3; A = B = N_3$
2. $X = OH; Y = CH_2N_3; A = B = N_3$
3. $X = ONO_2; Y = CH_2N_3; A = B = N_3$
4. $X = NO_2; Y = CH_2N_3; A = B = N_3$
5. $X = Y = NO_2; A = B = N_3$
12. $X = Y = NO_2; A = B = \text{---} \begin{array}{c} \text{N} \\ \diagup \\ \text{C} \\ \diagdown \\ \text{N}=\text{N} \end{array} \text{---} COOH$



6. $Z = CH_2$
7. $Z = O$
8. $Z = NOH$
- 7-DNPH. $Z = \text{---} \begin{array}{c} \text{N} \\ \diagup \\ \text{C} \\ \diagdown \\ \text{N}=\text{N} \end{array} \text{---} \begin{array}{c} \text{NO}_2 \\ | \\ \text{C}_6\text{H}_3 \\ | \\ \text{NO}_2 \end{array}$

[c2] 2. The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azido-2-azidomethyl-1,3-diazidopropane (1).

[c3] 3. The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-hydroxy-1,3-diazidopropane (2).

[c4] 4. The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-nitrato-1,3-diazidopropane (3).

[c5] 5. The low molecular weight polyazido compound of claim 1, wherein the compound is 2-azidomethyl-2-nitro-1,3-diazidopropane (4).

- [c6] 6.The low molecular weight polyazido compound of claim 1, wherein the compound is 2,2-dinitro-1,3-diazidopropane (5).
- [c7] 7.The low molecular weight polyazido compound of claim 1, wherein the compound is methallyldiazide (6).
- [c8] 8.The low molecular weight polyazido compound of claim 1, wherein the compound is 1,3-diazidoacetone (7).
- [c9] 9.The low molecular weight polyazido compound of claim 1, wherein the compound is 2-Oximido-1,3-diazidopropane (8).
- [c10] 10.The low molecular weight polyazido compound of claim 1, wherein the compound is N-2(azido-1-azidomethyl-ethylidene)-N"-(2,4-dinitrophenyl)-hydrazine (7-DNPH).
- [c11] 11.The low molecular weight polyazido compound of claim 1, wherein the compound is 1,3-bis(4-carboxytriazolyl)2,2-dinitropropane (12).
- [c12] 12.The low molecular weight polyazido compound of claim 1, wherein the compound is tris(4-carboxytriazolomethyl)methanol (13).